



JADE Power Trading
Quality Energy Equipment

PRODUCT
BROCHURE
REF.
10482025

DIESEL GENERATORS 1.6 MW CAT 3516B WITH LOCAL CONTROL PANEL

2000 kVA | 415 V | 50 Hz | Year 2018



1600 kW
PRIME OUTPUT

415 V / 50 Hz
GENERATOR OUTPUT

1,500-2,000 h
OPERATING HOURS

Up to 30 pcs
UNITS AVAILABLE

LOW OPERATING HOURS • DEALER-MAINTAINED • MULTIPLE UNITS AVAILABLE

EQUIPMENT OVERVIEW

Low-hour CAT 3516B generator sets with local controls, radiator cooling and optional multi-unit BOP.

LOW-HOUR CAT 3516B GENERATING SETS

Multiple identical CAT 3516B skid-mounted diesel generating sets are available. All units were manufactured in 2018 and installed in the same HFO power plant, where common balance-of-plant equipment is also available for buyers requiring several generating units.

Each CAT 3516B 16-cylinder engine operates at 1,500 rpm and is coupled through a flexible coupling to a 2,000 kVA / 415 V / 50 Hz brushless synchronous alternator. The engine and alternator are installed on a rigid common base frame and are configured for efficient continuous base-load power generation.

The units have been serviced exclusively by the local CAT dealer and have accumulated only approximately 1,500–2,000 operating hours. Standard unit scope includes the EMCP 4 engine control panel, 24 V electric starting system and radiator cooler. Additional HFO plant auxiliaries and balance-of-plant equipment are available for multi-unit projects.

Representative CAT 3516B Control-Side View



Representative CAT 3516B Radiator-Side View



TECHNICAL SPECIFICATIONS

Technical data provided for preliminary sales and project evaluation.

PARAMETER	SPECIFICATION
Manufacturer	Caterpillar
Engine model	CAT 3516B
Engine configuration	16-cylinder diesel engine, 1,500 rpm
Manufacturing year	2018
Assembly origin	China
Number of units available	Up to 30 units
Operating hours	Approx. 1,500–2,000 hours per unit
Prime rating	2,000 kVA / 1,600 kW
Standby rating	2,240 kVA / 1,800 kW
Voltage / frequency	415 V / 50 Hz
Power factor	0.8
Alternator	Brushless synchronous alternator
Coupling	Flexible engine-to-alternator coupling
Mounting	Skid-mounted on rigid common base frame
Control system	CAT EMCP 4 local control panel
Starting system	24 V electric starting system
Cooling system	Radiator cooling
Maintenance provider	Serviced exclusively by local CAT dealer
Condition	Installed and in good operational condition

Performance note: Final output, fuel configuration, emissions performance and auxiliary scope remain subject to serial-number verification, site conditions, detailed battery limits and agreed test procedures.

SCOPE OF SUPPLY & CONTACT

The following scope is based on the currently available sales information and remains subject to final confirmation.

STANDARD UNIT SCOPE

- ✓ CAT 3516B 16-cylinder diesel engine
- ✓ 2,000 kVA / 415 V / 50 Hz synchronous alternator
- ✓ Flexible engine-to-alternator coupling
- ✓ Rigid skid-mounted common base frame
- ✓ CAT EMCP 4 local engine control panel
- ✓ 24 V electric starting system
- ✓ Engine radiator cooling system

DELIVERY & INSPECTION

- Multiple identical units available - up to 30 pcs
- Approx. 1,500–2,000 operating hours only
- Serviced exclusively by the local CAT dealer
- Installed in the same HFO power plant and available for inspection
- HFO plant BOP available separately for multi-unit buyers
- Final scope, unit selection and equipment list subject to confirmation
- Final commercial and delivery terms subject to contract

RELOCATION & SITE INTEGRATION

The generating sets are currently installed. Final dismantling, preservation, packing, transport, foundation design, fuel supply, cooling-air arrangement, exhaust routing, electrical integration, synchronizing, protection and any optional HFO balance-of-plant scope must be engineered for the destination site and agreed in the final contract.

REQUEST FURTHER INFORMATION

Commercial quotation, additional unit photographs, detailed scope clarification, technical documentation and inspection arrangements are available on request.

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**SCAN FOR ONLINE
LISTING**

All information is provided in good faith for preliminary evaluation and is subject to verification, final scope confirmation and contract.